

End of Result Set

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L2: Entry 1 of 1

File: USPT

Jul 15, 2003

US-PAT-NO: 6592238

DOCUMENT-IDENTIFIER: US 6592238 B2

TITLE: Illumination device for simulation of neon lighting

DATE-ISSUED: July 15, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Cleaver; Mark Joseph Wilmette IL Eriksson; Eric Olav Evanston IL Hulse; George R. Cookeville TN

US-CL-CURRENT: 362/249; 362/219, 362/235, 362/267, 362/800

CLAIMS:

What is claimed is:

- 1. A method of making an illumination device capable of simulating neon lighting, comprising the steps of: forming an essentially solid rod with a predetermined length and a pair of lateral surfaces from material having optical waveguide and light scattering properties such that light entering a first of said lateral surfaces is caused to form an essentially elliptically shaped light intensity pattern that has a major axis in a direction substantially parallel to said predetermined length; placing a housing having a pair of spaced walls defining a volume in connected relationship with said first lateral surface; bending said rod and said housing into a desired shape; positioning a plurality of spaced point light sources connected to a flexible electrical connecting member within said volume between said side walls; and essentially filling said volume with a potting material transmitting light.
- 2. The method of claim 1 wherein said rod and housing are formed as an integral unit.
- 3. The method of claim 1 wherein said side walls have interior surfaces that are light reflecting.
- 4. The method of claim 1 in which said point light sources are LEDs.
- 5. The method of claim 4 in which said LEDs have transparent housings and said potting compound has an index of refraction essentially matching an index of refraction of said transparent housings.
- 6. The method of claim 4 in which said LEDs have tinted housings.
- 7. The method of claim 1 wherein said side wails have exterior surfaces that are light absorbing.
- 8. An illumination device for simulating neon lighting, comprising: a substantially rod-like member having a predetermined length with a lateral light receiving surface and a lateral curved light emitting surface having a

predetermined circumferential width, said member being comprised of a material that has both optical waveguide and light scattering properties tat preferentially scatters light entering said light receiving surface into an elongated light intensity pattern on said light emitting surface with a major axis extending along said predetermined length; an elongated light source extending along and positioned adjacent said light receiving surface and spaced from said light emitting surface a sufficient distance to allow said light intensity pattern on said emitting surface to have a minor axis extending substantially the entire circumferential width of said light emitting surface; a housing in which said light source is positioned, said housing extending along said light receiving surface and having a pair of side walls, each with an interior light reflecting surface and an exterior light absorbing surface; and an electric connecting member positioned within said housing and adapted to connect said light source to a remote power source.

- 9. The illumination device of claim 8 in which said elongated light source is a multiplicity of spaced point light sources arranged in a line extending substantially along said light receiving surface.
- 10. The illumination device of claim 9 in which said point light sources are light emitting diodes.
- 11. The illumination device of claim 10 in which said light emitting diodes have an oval shape with a major axis extending in a direction along said line.
- 12. The illumination device of claim 10 wherein the light emitting diodes have housings aligned in an essentially upright position wit an apex of each housing juxtaposed to said light receiving surface of said waveguide.
- 13. The illumination device of claim 10 wherein the light emitting diodes have housings tilted with respect to the length of the waveguide.
- 14. The illumination device of claim 10 wherein the light emitting diodes have housings arranged in an inverted positions with respect to said light receiving surface.
- 15. The illumination device of claim 8 in which said housing comprises a flexible material, and said electrical connecting member is sufficiently flexible so as to be bent to conform to any non-linear shape Conned by said housing.
- 16. The illumination device of claim 15 in which said electric connecting member is a flexible ribbon.
- 17. The illumination device of claim 8 including a light transmitting material filling an interior space of said housing to maintain positioning of said light source and electric connecting member within said housing.
- $18.\ \mbox{The illumination device of claim }17$ in which said light transmitting material is transparent.
- 19. The illumination device of claim 17 in which said light transmitting material has light scattering characteristics.
- 20. The illumination device of claim 17 which said light source is comprised of a plurality of light emitting diodes, and said light transmitting material has an index of refraction essentially matching the index of refraction of said light emitting diodes.
- 21. The illumination device of claim 17 in which said light transmitting material forms a bottom wall extending along the length of said housing, said bottom wall having a light reflecting bottom surface for reflecting light incident thereon into said waveguide.
- 22. The illumination device of claim 17 in which said light transmitting material is a heat conductor.

2 of 3

- 23. The illumination device of claim 9 including a light transmitting spacer member positioned between said light source and said light receiving surface and in an substantially abutting relationship wit said light source.
- 24. The illumination device of claim 8 in which said waveguide and said housing are integral and comprised of an impact resistant material.
- 25. An illumination device for simulating neon lighting, comprising: a light transmitting member of a predetermined length having a substantially curved front surface and a light receiving lateral surface, said member being comprised of a material tat has both optical waveguide and light scattering properties that preferentially scatters light entering said light receiving surface into an elongated light intensity pattern on said light emitting surface with a major axis extending along said predetermined length; a housing having spaced side walls abutting said light receiving lateral surface and defining a volume extending along said predetermined length of said light transmitting member, said side walls having light reflecting interior surfaces and a light absorbing exterior surfaces; and a multiplicity of spaced point light sources housed within said volume and extending along said predetermined length, said spaced point light sources positioned a distance from said curved front surface sufficient to allow a light intensity pattern from each of said point light sources to overlap neighboring light intensity patterns so that the light intensity pattern collectively emitted from said front surface appears uniform.
- 26. The illumination device of claim 25 in which the interior of said surfaces of said side walls are covered with a light reflecting material and exterior surfaces are covered with a light absorbing material.
- 27. The illumination device of claim 25 including a spacer member made of transparent material positioned and filling a portion of the volume between said point light sources and said member.
- 28. The illumination device of claim 27 including a spacer member made of transparent material positioned and filling a portion of the volume between said point light sources and said member.
- 29. The illumination device of claim 25 in which said point light sources are LEDs.
- 30. The illumination device of claim 29 in which said electrical member is connected to a processor programmed to cause said LEDs to flash independently.
- 31. The illumination device of claim 30 in which the LEDs flash in a timed sequence.
- 32. The illumination device of claim 30 in which said LEDs are flashed in successive groups along the length of the first string thereby simulating movement.
- 33. The illumination device of claim 32 in which said LEDs of said first string are alternatively positioned along the length of said housing with said LEDs of said second string.
- 34. The illumination device of claim 27 including a multiplicity of LEDs mounted in a second string positioned within said volume and extending in the direction of elongation of said housing, said second string connected with said electrical member so as to be independently energized.
- 35. The illumination device of claim 34 in which said LEDs of said first string emit a different color of light from the LEDs of said second string.



End of Result Set

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L4: Entry 1 of 1

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INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Cleaver; Mark Joseph Wilmette IL Eriksson; Eric Olav Evanston IL Hulse; George R. Cookeville TN

ASSIGNEE-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY TYPE CODE

Light Technologies, Inc. Evanston IL 02

APPL-NO: 09/ 982705 [PALM]
DATE FILED: October 18, 2001

PARENT-CASE:

This application claims priority from Provisional Application No. 60/265,522 filed Jan. 31, 2001 entitled Simulated Neon Lighting for Illumination of Objects.

INT-CL: [07] F21 V 21/00

US-CL-ISSUED: 362/249; 362/219, 362/800, 362/267, 362/235 US-CL-CURRENT: 362/249; 362/219, 362/235, 362/267, 362/800

November 1988

FIELD-OF-SEARCH: 362/235, 362/249, 362/252, 362/800, 362/219, 362/240, 362/267

Search Selected

PRIOR-ART-DISCLOSED:

4785567

U.S. PATENT DOCUMENTS

Search ALL

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
4111520	September 1978	Bernal G.	
4298869	November 1981	Okuno	
4376946	March 1983	Kaminow et al.	
4597033	June 1986	Meggs et al.	362/183
4607317	August 1986	Lin	
4767172	August 1988	Nichols et al.	

Consiglio

43/17.5

4891896	January 1990	Boren	40/541
4976057	December 1990	Bianchi	40/579
4996632	February 1991	Aikens	
5057981	October 1991	Bowen et al.	
5151679	September 1992	Dimmick	
5201020	April 1993	Kannabiran	
5219217	June 1993	Aikens	
5301090	April 1994	Hed	
5303133	April 1994	Wagner	
5365411	November 1994	Rycroft et al.	
5375043	December 1994	Tokunaga	
5410453	April 1995	Ruskouski	
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5459955	October 1995	Ruskouski et al.	
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5526236	June 1996	Burnes et al.	
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5876107	March 1999	Parker et al.	
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5887968	March 1999	Logan	
5921652	July 1999	Parker et al.	
5934792	August 1999	Camarota	362/249
 5950340	September 1999	Woo	
 5964518	October 1999	Shen	
5996263	December 1999	Black	
6023869	February 2000	Durbin	
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6095673	August 2000	Goto et al.	
6123442	September 2000	Freier et al.	
6146006	November 2000	Cross	
6158882	December 2000	Bischoff, Jr.	
6186645	February 2001	Camarota	362/249
6193385	February 2001	Maki et al.	
6204899	March 2001	Hall	

6283612	September 2001	Hunter	362/240
6354714	March 2002	Rhodes	362/153.1
6361186	March 2002	Slayden	362/249
6394623	May 2002	Tsui	362/249

ART-UNIT: 2875

PRIMARY-EXAMINER: Sember; Thomas M.

ATTY-AGENT-FIRM: Stites & Harbison, PLLC Smith; Vance A. Nagle, Jr.; David W.

ABSTRACT:

An illumination device for simulating neon lighting comprising a plurality of space point light sources positioned adjacent a lateral light receiving surface of a substantially rod-like waveguide. The waveguide is made of a material that preferentially scatters light entering the light receiving surface such that the light intensity pattern exiting a lateral light emitting surface of the waveguide has a substantially uniform light intensity pattern.

35 Claims, 30 Drawing figures

Day: Thursday Date: 8/28/2003

PALM INTRANET

Time: 07:44:43

Docket

Reg. New

Reg. Amended

Spl. New

Spl. Amended

Rejected

Counted Not Mailed

Regular Amended Cases

(WARNING: Data Security and Confidentiality Restriction Apply)

Name: **SEMBER, THOMAS**

Examiner Number: 71316

Group Art Unit: 2875

Regular Amended Cases: 8

Application #	Fwd-to-Exmr	Status	Loc	ChgToLoc	Class	Subclass	Mo-Old	Unavail	Type
09/473765	06/24/2003	71	28L2	-	362	551.000	2	_	
09/682535	07/08/2003	71	28X1	28F0	362	231.000	1+	_	_
09/941235	07/10/2003	71	28L2	28X1	362	528.000	1+	_	-
10/194905	07/12/2003	71	28X1	28F0	362	100.000	1+	-	_
09/723675	07/17/2003	71	28E1	28X1	362	231.000	1+	-	_
09/557835	08/08/2003	71	28X1	28F0	362	518.000	-1	-	_
09/729675	08/16/2003	71	28L5	28X1	362	263.000	-1	-	-
10/022685	08/27/2003	71	28L2	28X1	362	026.000	-1	-	

To go back use Back button on your browser toolbar.

Back to PALM | ASSIGNMENT | OASIS | Home page

Sember, Thomas

From: IT Support Coordinator

Sent: Thursday, August 28, 2003 9:09 AM

Subject: IT Support Announcements for Thursday, August 28, 2003



IT Support Announcements

Visit the IT Support Website

New or Updated Today

Customers Impacted: Beta Groups 1, 2 and 3, OCIO, OCFO, Patents, Trademarks, and Executive Staff; Deploying to Trademarks on Sep 3 at 1 AM

Event: Install Microsoft Windows NT 4.0 Hot Fixes

Date: Starting Thu, Aug 14 and continuing through Wed, Sep 10; <u>View details</u> for full schedule.

Customer Action Needed: Exit Outlook by using the exit and log off command, save and close all open work, close applications, and leave workstation logged on and locked. Your workstation will be automatically rebooted.

Executive Staff; Deploying to Executive Staff on Sep 3 at 1 AM Event: Install *Internet Explorer 6.0 Feb 2003 Cumulative Security Patch*

Date: Starting Mon, Aug 11 and continuing through Wed, Sep 3; <u>View details</u> for **revised** schedule.

Customer Action Needed: Exit Outlook by using the exit and log off command, save and close all open work, close applications, and leave workstation logged on and locked. Your workstation will be automatically rebooted.

Reminders

Announcement: This information is currently directed at non-Patent and non-Trademark personnel only. Technicians are now configuring and upgrading the BIOS on workstations within *OCIO and CFO/CAO*. These BIOS changes are necessary to enable workstations to receive the future Windows XP push, as well increase the level of standardization on all workstations. This process must be done locally, but takes only a few minutes to perform. Please note, a BIOS reconfiguration does not mean your workstation has been scheduled to receive Windows XP at this time. You will receive an e-mail with a specific Windows XP push date detailing what to expect and to verify your hardware and software information.

Announcement: The USPTO launched the *Annual IT Security User Awareness Training*. All USPTO employees and contractors are **required** by law to complete this training by August 29, 2003. One hour of time has been allotted to complete the course. Please use code 011097 to charge your time.

The training includes a pre-assessment and a post-assessment to determine your general IT Security knowledge. The pre-assessment is optional. The post-assessment consists of five questions to be answered upon completion of the training. Please be aware that the post-assessment is designed to help you review and reinforce the key IT Security concepts presented in the course. The results of your post-assessment will only be available to you and

not to supervisors, nor will the E-Learning Center administrators use this scoring information in any way.

Note: Revised instructions for accessing the IT Security Training are provided below.

Additional Information: Revised Instructions to Access IT Security Training

Customers Impacted: Mail@Home Users

Event: Perform Maintenance on Mail@Home System

Dates: Starting Fri, Aug 29 at 12:01 AM; Ending Fri, Aug 29 at 2 AM; (Mail@Home will be

unavailable during this time.)
Customer Action Needed: No

Customers Impacted: Patent Business Area
Event: Install PALM ExPo Maintenance Release 2.2.1

Dates: Starting Fri, Aug 29 at 10:01 PM; Ending Fri, Aug 29 at 10:30 PM

Customer Action Needed: No

Customers Impacted: RightFAX Users USPTO-wide

Event: Purge Faxes from the PTOFAX Database

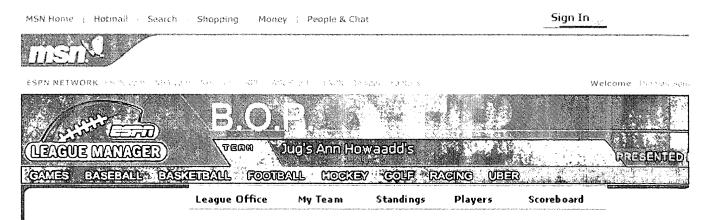
Dates: Starting Sat, Aug 30 at 12:01 AM; Ending Sat, Aug 30 at 4 AM; (RightFAX will be

unavailable within USPTO during this time.)

Customer Action Needed: No

Send comments and questions to the IT Support Coordinator.

IT Support Announcements are issued by the Communication and Information Services Division (CISD), a Division of OCIO.



League Draft Order

Your league's draft order is initially set to use a random order. If there is a "1" displayed next to every team in the "ORDE is currently setup to use the random order and once your draft begins all teams will be assigned a random spot. If there is 2, 3, etc.) displayed in the "ORDER" column that shows your League Manager has manually set the draft order and the columner will draft. Only the League Manager can edit the draft order and it can be changed until one hour before scheduled draft start time.

LEAGUE DRAFT ORDER

ŬRDrR	TEAN NAME	OWNER NAME
1	Gtown Potheads	greedy eaddy
2	Renegades of Funk	Eric Bostrom
3	Tone's Blood Rags	tony amitrano
4	Bones Big Cocks	Scott Fisher
5	Flapdaddy's C Shots	Flap Daddy
6	Turtle's Chunky Monkeys	brad turlington
7	Poon tang Coons	justin claytor
8	Vag inal Rubs	Von Stokes, bob hughes
9	Jug's Ann Howaadd's	Thomas Sember
10	Corkys Corkscrews	Wayne Ellington



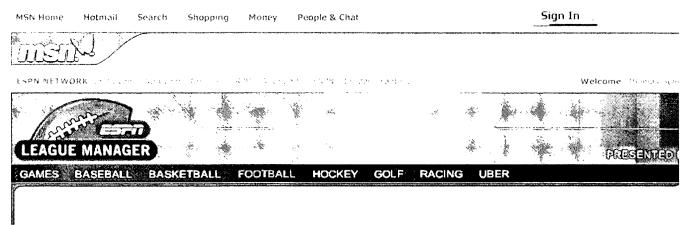
LSP6: Member Services: Fantasy Games + Fantasy Football + Report A Problem

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2003 ESPN Projected Stats

POS: Quarterbacks (QB) TEAM: All Search

PROJECTED 2003 STATS

Q.	ARTERBACKS: ALL TEAMS			20	U. 2
Rr.	PLAYER, ILAM	; k	PACIFIC CONTRACTOR OF THE PROPERTY OF THE PROP	PASS	1.[
1	Donovan McNabb, Phi	=	Owns the best combo of passing and running skills	2289	17
2	Daunte Culpepper, Min	=	Rushing stats make him a top five fantasy QB	3853	18
3	Rich Gannon, Oak	=	Still a proficient passer at age 37	4689	26
4	Peyton Manning, Ind	=	A safe pick because of his consistency	4200	27
5	Aaron Brooks, NO	=	Poor mechanics leads to erratic games, but he directs an explosive offense	3572	27
6	Steve McNair, Ten	=	A reliable and an underrated passer	3387	22
7	Brett Favre, GB	=	Count on him to play and produce	3658	27
7	Kurt Warner, StL	=	Ready for a comeback season with hand injuries healed	1431	3
9	Matt Hasselbeck, Sea	=	Passing attack turned the corner in last season's second half	3075	15
10	Drew Bledsoe, Buf	=	Faded down the stretch but still has a rifle arm	4359	24
11	Trent Green, KC	=	Needs his receivers to step up	3690	26
12	Jeff Garcia, SF	-	Bad back may be too painful to overcome for a full season	3344	21
13	Michael Vick*, Atl	-	A broken ankle means he's out for at least a month, shattering his lofty ranking	2936	16
14	Patrick Ramsey, Was	=	Year 2 of the Fun 'n Gun will boost stats	1539	9
15	Kerry Collins, NYG	=	Finally is part of a well-rounded attack to succeed every week	4076	19
16	Tommy Maddox, Pit	=	Overseeing the transformation of the Steelers offense	2836	20
16	Jake Plummer, Den	=	Strong supporting cast means no excuses	2972	18
18	Brad Johnson, TB	=	Becoming a master of the West Coast	3049	22
18	Tom Brady, NE	=	Unbalanced attack became predictable last season	3764	28
20	Jon Kitna, Cin	=	Becomes a sound value pick in later rounds	3178	16
21	Kordell Stewart, Chi	=	Too many issues to risk a valuable pick	1155	6
22	Kelly Holcomb, Cle	+	He's the starter now and will capitalize	790	8
23	Jay Fiedler, Mia	+	Griese's injury makes his starting role more secure	2024	14
23	Drew Brees, SD	=	It's more about LaDainian than Drew	3284	17
24	Joey Harrington, Det	=	Improvement is on the horizon	2294	12
25	David Carr, Hou	=	Welcoming a real offensive line and No. 1 wideout	2592	9
26	Mark Brunell, Jac	=	Nearing the end of his line in Jacksonville	2788	17
27	Jeff Blake, Ari	=	Can't throw for big yards with young receivers	2084	13
29	Rodney Peete, Car	=	Still has enough gas for a few games, but not much more	2630	15
29	Vinny Testaverde, NYJ	+	Now the starter with Pennington's broken wrist	499	3
29	Chris Redman, Bal	=	Rookie Kyle Boller is knocking on the door	1034	7

30 Doug Johnson, Atl	+	Will play at least four games and is a better pocket passer than Vick	448	2
31 Tim Couch, Cle	=	Benched in favor of Kelly Holcomb	2842	18
32 Kyle Boller, Bal	=	Will see the most playing time of the rookie quarterbacks	2842	18
37 Chad Pennington*, NY	'] -	Will likely miss 12 weeks, possibly the season	3120	22
35 Brian Griese, Mia	-	Hurt by foot injury	3214	15
35 Marc Bulger, StL	=	One of the NFL's top young backup quarterbacks in a great system	1826	14
36 Steve Beuerlein, Den	=	Will step and produce quicky if Plummer falters	925	6
37 Doug Flutie, SD	=	Good for a one-game magic feat	64	0
38 Todd Bouman, NO	=	Has the tools and experience to replace Brooks if necessary	85	0
38 Byron Leftwich, Jac	=	Likely starter in 2004, maybe late '03	85	0
39 Chad Hutchinson, Dal	-	Relegated to the backup role	1555	7
40 Jake Delhomme, Car	=	Not the starter	113	0
43 Chris Chandler, Chi	=	Will be called upon if Slash is dashed	1023	4
43 Neil O'Donnell, Ten	=	Won't receive much work with McNair at the helm	1023	4
43 Doug Pederson, GB	=	Only good for kneeling at end of games	134	1
43 Alex Van Pelt, Buf	=	Played extensively in 2001	134	1
43 Jim Miller, TB	=	Will be effective if called upon	1944	13
43 Gus Frerotte, Min	=	Not a great option if Culpepper becomes injured	437	1
43 Trent Dilfer, Sea	=	Can run Mike Holmgren's offense	1182	4
43 Todd Collins, KC	=	Has proved little as a backup	73	1
43 Rob Johnson, Was	=	Can't learn to throw quickly	536	1
43 Tony Banks, Hou	=	Signs with Texans after sitting out the 2002 season	536	1
43 Charlie Batch, Pit	=	Is a better backup than Stewart	536	1
43 Koy Detmer, Phi	=	Played well in his only start last season	224	2
43 Tim Rattay, SF	=	One of the league's more promising backups	232	2
43 Quincy Carter, Dal	=	Clinched the starting spot	1465	7
43 Marques Tulasosopo,	Oak =	The jury is still out	1465	7
43 Mike McMahon, Det	=	He's not that far off Harrington's play	874	7
43 Josh McCown, Ari	=	Only the winless will save a roster spot for him	66	0
43 Carson Palmer, Cin	=	Don't expect him to play until 2004	66	0
62 Damon Huard, NE	=	A serviceable backup in the mold of Brady	66	0
62 Shaun King, TB	=		80	0
62 Brock Huard, Ind	=	Not likely to receive any action	80	0
62 Jesse Palmer, NYG	=	Has only thrown four passes in the NFL	30	0
62 A.J. Feeley, Phi	=	Has a future at starting for another team	1011	6
62 Rex Grossman, Chi	=	Chicago's quarterback of the future	1011	6
68 Danny Wuerffel, Was	=	test	719	3

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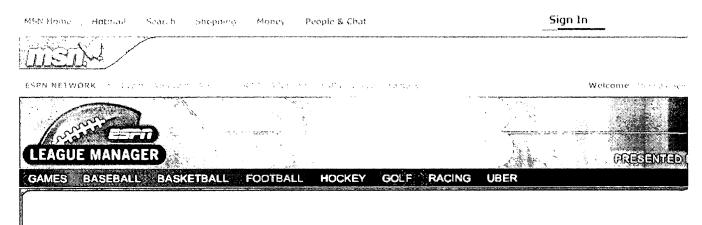


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2003 ESPN Projected Stats

POS: Running Backs (RB) TEAM: All Search

PROJECTED 2003 STATS

KUL	NING SECTION AND TEXASS			20%	
K.B.	PLAYER, CAM	1 K	MOLE	RUSH	<u> </u>
1	Ricky Williams, Mia	=	Basically, Williams is Miami's offense	1853	3
2	LaDainian Tomlinson, SD	=	Mr. Rock Steady had most combined carries/catches in '02	1683	۷
3	Clinton Portis, Den	=	No fantasy back was better the final 12 weeks of '02	1508	3
4	Pnest Holmes, KC	=	Only hip surgery can prevent a return to the top in '03	1615	ϵ
5	Marshall Faulk, StL	=	Still an elite, but you can almost count on at least two DNP's	953	Ē
6	Shaun Alexander, Sea	=	An improved Seahawks' O should improve Alexander's consistency	1175	۷
7	Ahman Green, GB	=	System and combo run/receive skills makes Green a top 10 guarantee	1240	3
8	Deuce McAllister, NO	=	Could take off if the Saints decide to use Deuce's receiving skills more	1388	3
9	Fred Taylor, Jac	=	A healthy '02 coupled with Mack's exit should get owners back on bandwagon	1314	4
10	Edgerrin James, Ind	+	Was a shadow of former self in '02, but looks to be in top form	989	3
11	Travis Henry, Buf	=	Expected to get more carries behind Bills' improving O line	1438	3
12	Tiki Barber, NYG	-	A monster 2nd half bodes well for '03, but won't get goal-line carries	1386	Ē
13	Corey Dillon, Cin	=	Has started 78 of the Bengals' past 80 games	1311	2
14	Charlie Garner, Oak	=	Hard to shut down because of game-breaking running and receiving ability	962	ĉ
15	Jamal Lewis, Bal	=	Claims a rushing title in the near future behind a beefed up O line	1327	۷
16	William Green, Cle	=	Salvaged rookie season with monsterous finish	887	1
17	Eddie George, Ten	=	Yards per carry still down, but George's role remains as big as ever	1165	2
18	Stephen Davis, Car	-	Carolina wants 400 carries from its RB's, which is good news for Davis	820	1
19	Trung Canidate, Was	=	Won't be a workhorse, but will be a serious long-distance threat	48	
20	Curtis Martin, NYJ	=	Hoping to keep ankle injuries and LaMont Jordan in rearview mirror	1094	3
21	Anthony Thomas, Chi	=	Hopes to bury bust '02 season by entering '03 in tip-top shape	721	1
22	Troy Hambrick, Dal	=	Still the favorite to be Parcells' featured back	317	
23	Antowain Smith, NE	=	Worked on geting slimmer and quicker this offseason	982	2
24	James Stewart, Det	=	Despite numerous question marks, Stewart still atop depth chart	1021	
25	Kevan Barlow, SF	=	Big potential, but still pulling the Garrison Hearst anchor	675	1
26	Emmitt Smith, Ari	=	Behind emerging O Line, Smith could surprise	975	
27	Warrick Dunn, Atl	=	T.J. Duckett will infringe on Dunn's carries more in '03	927	3
28	Stacey Mack, Hou	=	Has the opportunity to start and be the featured back	436	
29	Duce Staley, Phi	=	Holdout makes it tough for Staley to keep backup Correll Buckhalter down	1030	
30	Amos Zereoue, Pit	=	Finally has a real shot to push The Bus to the curb	762	
31	Correll Buckhalter, Phi	+	An Andy Reid favorite, and back to 100% after last year's ACL injury	762	3

32	Garrison Hearst, SF	+	Could be used as more of a traditional 3rd down back this season	972	3	
33	Jerome Bettis, Pit	=	Roster spot is assured, but starting job isn't	666		
34	T.J. Duckett, Atl	=	Will handle the tough inside carries	507		
35	Onterrio Smith, Min	+	Rookie could get action with Bennett injury	507		
36	Moe Williams, Min	+	Bennett's injury opens the door	414	2	
37	Mike Alstott, TB	=	Has become a glorified goal-line back	548	Ž	
38	DeShaun Foster, Car	+	Is expected to see at least 10 touches per game if healthy	548	Ź	
39	Kevin Faulk, NE	=	Makes money as a receiver out of the backfield	271	3	
40	Thomas Jones, TB	+	Shines in preseason opener, but must learn pass-blocking chores	511	1	
41	Michael Bennett*, Min	-	Surgically repaired left foot an issue and may keep him out for season	1296	, 3	
41	LaMont Jordan, NYJ	=	Waiting for Curtis Martin's ankles to open up another opportunity	316	1	
43	Lamar Gordon, StL	=	A must insurance plan if you land Marshall Faulk	228	2	
44	Shawn Bryson, Det	=	Working way back after reconstructive knee surgery	35		
44	Marcel Shipp, Ari	=	Emmitt Smith never misses a game, so it's 3rd down duty for Shipp	834	۷	
46	Michael Pittman, TB	-	Jail time threatens to derail season	718	۷	
47	Jamel White, Cle	=	One of the best 3rd down backs in the league	470	4	
48	Larry Johnson, KC	=	Ready to step in if Holmes' hip keeps him out	470	۷	
49	Olandis Gary, Buf	=	Likely to get lost in Buffalo backfield, just like in Denver	147	1	
50	Doug Chapman, Min	=	Will get some carries	89		
51	Kenny Watson, Was	=	Won't be a factor unless Canidate doesn't pan out	534	2	
52	Tyrone Wheatley, Oak	=	No longer a threat to Charlie Garner	419		
53	Richie Anderson, Dal	=	Cowboys starting fullback will see plenty of passes	27	2	
53	Zack Crockett, Oak	=	Crockett's territory is from two yards and in	118		
55	Robert Holcombe, Ten	=	Won't be on the radar unless George's legs start acting up again	242		
56	Dorsey Levens, NYG	=		411	1	
57	Michael Wiley, Dal	=		168	1	
57	Ladell Betts, Was	=		307	1	
57	Justin Fargas, Oak	+	Impressive preseason stats helps him climb the depth chart	307	1	
60	LaBrandon Toefield, Jac	+	The favorite to be Fred Taylor's backup	307	1	
61	Dominic Rhodes, Ind	=		307	1	
61	Adrian Peterson, Chi	=		101		
63	James Allen, Hou	=		519	3	
63	Jonathan Wells, Hou	=		529		
65	John Simon, Ten	=		18	1	
66	Elvis Joseph, Jac	=		18	1	
66	Brian Westbrook, Phi	=		193		
66	Najeh Davenport, GB	=		184		
69	Maurice Morns, Sea	=		153		
70	Brandon Bennett, Cin	=		155	1	
70	Chris Fuamatu-Ma'afala, Pit	=		115		
70	Ron Dayne, NYG	=		428		
70	J.R. Redmond, NE	=		428		
70	KaRon Coleman, Den	=		428		
70	James Fenderson, NO	=		65		
70	Robert Edwards, Mia	=		107	1	
70	Chester Taylor, Bal	=		122	1	
70	Artose Pinner, Det	=		122	1	
79	Lamar Smith, GB	=		737	1	
79	Skip Hicks, Car	=		737	1	
79	Chad Morton, Was	=		8		

79	Travis Minor, Mia	=	180
79	Antwoine Womack, NE	=	180
79	Jesse Chatman, SD	=	19
79	James Mungro, Ind	=	336
79	Musa Smith, Bal	=	336
79	Chris Brown, Ten	=	336
79	Domanick Davis, Hou	=	336
79	Quentin Griffin, Den	=	336
79	Lee Suggs, Cle	=	336
79	Brock Forsey, Chi	=	336
92	James Jackson, Cle	=	54
92	Dee Brown, Car	=	360
92	Luke Staley, Det	=	360
92	Ahmaad Galloway, Den	=	360
96	Mike Green, Cin	=	71
97	Willis McGahee, Buf	=	71
98	Brian Mitchell, NYG	=	0
98	Rabih Abdullah, Chi	=	0
98	Reuben Droughns, Den	=	11
98	Mike Anderson, Den	=	386 1
98	Aaron Stecker, TB	=	174
103	Charlie Rogers, Mia	Ξ	0

TK (1 > 1) Recent upward or downward medement in a player's draft value. Either $\#_1 + \text{or } \#_2$. Since the extensions based on ESPN's traditional scoring system.



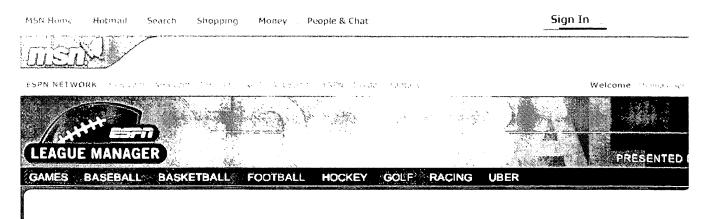
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2003 ESPN Projected Stats

POS: Wide Receivers (WR) ▼ TEAM: All ▼ Search

PROJECTED 2003 STATS

			E S & No. of the San San San Color and Color to Color San		
CH	MERICHIVERS, RELITEANS			2007.\$	1418
R+	PLATER MEAN	1k	MOTE	REC	TD
1	Marvin Harrison, Ind	=	Boasts four-year average of 1,581 yards and 13 TDs	1722	11
2	Randy Moss, Min	=	Still had 1,347 yards despite poor start	1347	8
3	Terrell Owens, SF	-	Jeff Garcia's back injury diminishes his value	1300	14
4	Eric Moulds, Buf	=	Arrival of Drew Bledsoe meant his first 100-catch season	1287	10
5	David Boston, SD	=	Will be helped by stronger supporting cast in S.D.	512	1
5	Plaxico Burress, Pit	=	On the fast track to an elite No. 1 wideout	1325	7
7	Koren Robinson, Sea	=	On the verge of stardom after a quiet breakout season	1240	5
8	Amani Toomer, NYG	=	Was fantasy's No. 2 wideout in the season's second half	1343	8
9	Joe Horn, NO	=	Still Aaron Brooks' favorite	1312	7
10	Donald Driver, GB	=	Brett Favre's go-to guy	1064	9
11	Torry Holt, StL	=	A healthy Kurt Warner boosts stats	1302	4
12	Rod Smith, Den	=	Yardage and TD totals will increase in renewed offense	1027	5
13	Laveranues Coles, Was	=	Speedy, sure-handed wideout fits great into the Fun 'n Gun	1264	5
13	Chad Johnson, Cin	=	One of last year's best-kept secrets will flourish again	1166	5
15	Hines Ward, Pit	=	Takes what the defenses give him	1329	12
16	Rod Gardner, Was	=	Owns the size, speed and hands to be formidable	1006	8
17	Isaac Bruce, StL	=	Produces too many poor games to warrant a high pick	1075	7
18	Derrick Mason, Ten	=	Steve McNair's favorite target is consistent	1012	5
18	Peerless Price, Atl	=	Will become Michael Vick's go-to wideout	1252	9
20	Marty Booker, Chi	=	Mediocre quarterbacking hurts value	1183	7
21	Jerry Porter, Oak	=	Aiming for first 1,000-yard season	688	9
22	Jerry Rice, Oak	=	Still has the skills to be effective	1211	7
23	Keyshawn Johnson, TB	=	Offense creates chances for yards	1088	5
24	Curtis Conway, NYJ	=	Will be the Jets' deep threat, but not much else	852	7
25	Darrell Jackson, Sea	=	Seattle's offensive resurgence makes him valuable	877	4
26	Charles Rogers, Det	=	All-world talent will be featured in Detroit's offense	877	4
27	Donte' Stallworth, NO	=	Explosive wideout who needs to shake the injury bug	594	8
27	Josh Reed, Buf	=	Will slide into the departed Peerless Price's productive spot	514	2
29	Tai Streets, SF	=	Owns the favorable slot opposite of T.O.	756	5
30	Quincy Morgan, Cle	=	Was the most productive Browns' receiver last season	964	7
31	Travis Taylor, Bal	=	Shaky at times, but he's the Ravens' No. 1 wideout	869	6

32	Troy Brown, NE	=	Knee injury derailed his stats last season	890	3
33	Joey Galloway, Dal	=	Just needs a quarterback to throw to him	908	6
34	Reggie Wayne, Ind	=	Battling Brandon Stokley for the No. 2 WR spot	716	4
34	Chris Chambers, Mia	=	Limited repertoire of routes strictly makes him a deep threat	734	3
36	Jimmy Smith, Jac	-	Four-game drug suspension lessens stats	1027	7
37	James Thrash, Phi	=	Sporadic production hurts fantasy value	635	8
38	Wayne Chrebet, NYJ	=	Will have more underneath routes available with Coles' departure	691	9
38	Muhsin Muhammad, Car	=	Hurt by run-heavy offense	823	3
38	Todd Pinkston, Phi	=	Became the Eagles' most improved wideout last season	798	7
41	Kevin Johnson, Cle	=	Crowded receiving field limits catches	703	5
42	Santana Moss, NYJ	=	The wildcard in the Jets' passing attack	433	4
43	Joe Jurevicius, TB	=	Led the Bucs in receiving yards during the playoffs	423	4
43	Antonio Bryant, Dal	=	He's the better wideout than Terry Glenn	733	6
45	Ashley Lefie, Den	=	Revitalizes an aging receiving corps	525	2
46	Andre Johnson, Hou	=	The next David Boston	525	2
47	David Patten, NE	=	Lacks the high ceiling of young wideouts	824	5
48	Ed McCaffrey, Den	=	A recent rash of injuries have diminished his production	903	2
48	D'Wayne Bates, Min	+	Owns the No. 2 WR spot to himself	689	4
50	Drew Bennett, Ten	=	Favored to be the No. 2 WR	478	2
51	David Terrell, Chi	=	All he does is catch touchdowns, but needs to do more with yards	127	3
51	Robert Ferguson, GB	=	Must take the next step and be Brett Favre's consistent No. 2 wideout	293	3
53	Kevin Dyson*, Car	=		460	4
53	Brian Finneran, Atl	=	Don't expect him to lead the Falcons in receiving TDs again	838	6
55	Dennis Northcutt, Cle	=	Posts big games, but disappears in others	601	6
55	Javon Walker, GB	=	Battling catches with Ferguson and he's more raw of the two	319	1
55	Marc Boerigter, KC	=	Led the Chiefs in receiving TDs last season	420	8
58	Bill Schroeder, Det	=	Is physically gifted but brittle	595	5
59	Corey Bradford, Hou	=	Stats will decline with Andre Johnson's presence	697	6
59	Dernus Thompson, Mia	=	Will need to be the possession wideout	773	4
61	Tim Brown, Oak	=	Nine straight seasons of 1,000 yards was snapped last year	930	2
61	Eddie Kennison, KC	=	Adds speed, but has never lived up to expectations	906	2
63	Deion Branch, NE	=	Hoping for second-year outburst after hitting rookie wall last year	489	2
64	Jerome Pathon, NO	=	Pushed to No. 3 receiver this season	523	4
64	Tim Dwight, SD	=	Limited receiving skills puts a cap on his receiving stats	623	3
66	Terry Glenn, Dal	=	How could he succeed in Dallas when he faltered with Favre?	817	2
66	Dez White, Chi	=	Tough to make a mark in Chicago's passing attack	656	4
68	Antonio Freeman, Phi	=	Has the smarts, but not the speed anymore	600	4
69	Ike Hilliard, NYG	=	Toomer and Shockey get the looks	386	2
69	Peter Warrick, Cin	=	Will be given the chance to shine this season	606	6
69	Steve Smith, Car	=	Will see an increased role with Kevin Dyson's season-ending injury	872	3
72	Donald Hayes, Jac	=	Will be a factor in passing attack if he can learn the playbook	133	2
72	Antwaan Randle El, Pit	=	Expect more catches and productivity in second season	489	2
74	Keenan McCardell, TB	=	Nothing spectacular, nothing gained	670	6
75	Andre' Davis, Cle	=	Too many wideouts to count on him scoring	420	6
76	Az-Zahir Hakim, Det	=	Can fly when healthy	541	3
77	Ricky Proehl, Car	=	Will be a factor for Carolina's No. 2 receiving spot	466	4
78	Troy Edwards, StL	=	Ready to shine in a few games as the Rams' No. 3 WR	157	2
78	Justin McCareins, Ten	=	Faster than Bennett but not as sharp in his routes	301	2
80	J.J. Stokes, Jac	=	Looks good on paper, but not worth it with the Jags	332	1
	Frank Sanders, Bal	=	Can grab the No. 2 WR slot, but Taylor and Heap will get the looks	400	2
	,		· · · · · · · · · · · · · · · · · · ·		

82	Johnnie Morton, KC	Ξ .	397	1
82	Bobby Shaw, Buf	=	525	1
82	Jabar Gaffney, Hou	=	483	2
85	James McKnight, Mia	=	528	2
85	Dante Hall, KC	=	322	3
87	Kevin Kasper, Ar i	=	180	3
88	Marcus Robinson, Bal	=	244	3
89	T.J. Houshmandzadeh, Cin	=	492	1
90	Dernick Alexander, Min	=	134	1
90	Ron Dixon, NYG	=	379	2
92	Bobby Engram, Sea	=	619	0
93	MarTay Jenkins, Atl	=	250	1
94	Brandon Stokley, Ind	= '	357	2
94	Ron Dugans, Cin	=	421	0
94	Cedrick Wilson, SF	=	166	1
97	Trevor Gaylor, Atl	=	385	3
98	Jermaine Lewis, Jac	=	41	0
98	Taylor Jacobs, Was	=	41	0
100	Jason McAddley, Ari	=	362	1
100	Bryant Johnson, Ari	=	362	1
102	Kevin Lockett, Jac	=	205	5
103	Charles Johnson, Buf	=	39	0
103	Larry Foster, Ari	=	152	0
	Bryan Gilmore, Ari	=	14	0
103	Ken-Yon Rambo, Dal	=	211	0
103	Anquan Boldin, Ari	=	211	0
108	Kelley Washington, Cin	=	211	0
109	Teyo Johnson, Oak	=	211	0
110	Sylvester Morris, KC	=	211	0
110	Reche Caldwell, SD	=	208	3
110	Bethel Johnson, NE	=	208	3
110	Brandon Lloyd, SF	=	208	3
114	Scotty Anderson, Det	=	322	1
115	Patrick Johnson, Was	=	187	2
115	Freddie Mitchell, Phi	=	105	0
117	Troy Walters, Ind	=	207	0
117	Michael Lewis, NO	=	200	0
119	JaJuan Dawson, Hou	=	286	0
120	Terrence Wilkins, StL	=	31	0
	Danny Farmer, Cin	=	115	0
120	Kevin Swayne, NYJ	=	78	0
120	Kevin Curtis, StL	=	78	0
124	Marvin Minnis, KC	=	78	0
	Quentin McCord, Atl	=	253	1
	Kelly Campbell, Min	=	176	3
	Nate Burleson, Min	=	176	3
128	Billy McMullen, Phi	=	176	3
129	Dameane Douglas, KC	=	176	3
130	James Williams, Sea	=	99	0
130	Alex Bannister, Sea	=	99	0

130 Micah Ross, Jac	=	99	0
130 Justin Skaggs, Was	=	99	0

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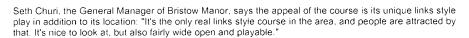
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Virginia Countryside Meets Scotland at Bristow Manor

By Jeffee J.A. Rondolf, TravelGolf.com Staff Writer Photographs by Keith Paton for TravelGolf.com

BRISTOW, VA - I don't consider Bristow Manor any further out in the country than some of the other upscale public golf courses in the Washington DC metro area. But it sure feels that way.

The country theme has its appeal though--and one of the nice parts about Bristow is that it's really not that far out--about a half-hour from the Washington Beltway, just west of Manassas.



And although it looks like the course was placed in the middle of the grain belt, it isn't far removed from civilization. We might have heard cows mooing at Raspberry Falls, but there aren't any livestock visible or within earshot of Bristow's fairways. It's a Ken Killian designed course with a rural feel and city convenience. Put together, it makes for a very good package.

Adding to the country allure is the late 19th century Manor House that is the most visible landmark on the relatively flat ground that makes up the area (unusual for Northern Virginia). The House adds a southern plantation flavor to the grounds and allows one to harkin back to the days (not too long ago in a lot of ways) when this was a peaceful farming community in rural Virginia. The House now serves as a multipurpose meeting facility, and the property hosts quite a few weddings, banquets and business meetings.

Guests at the House have a pretty good view of the first tee--as if teeing off on number one isn't enough pressure as it is--you don't want to make a fool of yourself in front of a wedding party.



Aside from being part of the historic countryside, Bristow Manor is known for a couple things that make it a great golf experience. First and most noteworthy is its links design. Several Northern Virginia tracks bill themselves as links style, but Bristow's back nine is probably the closest to a true seaside links course in the region.



Bristow doesn't have stacked sod bunkers or stone walls, but it does have undulating fairways, mounds and holes bordered by tall grass. The visual presentation is part of the package--and it all works very well. Like Scottish links courses, it's fairly wide open and has very few areas that would be considered 'out of bounds.' If you can find it, you can play it--even if it's in the middle of another hole's fairway. It also has more water than a links course would. Ponds come into play on a number of holes, and there's a stream that you must cross on several links on the front nine.

Because the property is so wide open, wind adds to the challenge. All you'd need is a stiff breeze, some salt in the air and some intermittent rain squalls and you're right back in the old country. I was half expecting a kilt wearing, bagpipe playing Scotsman to appear around the corner at any moment.

Bristow's also known for excellent conditioning. Featuring Zoysia fairways along with bentgrass tees and greens, it's difficult to find a poor lie anywhere in the maintained areas. And that's saying a lot, considering we played the course in early November!

All this being said, the course is pretty difficult, too, Although the fairways are generous, the track plays to 7,102 yards from the back and a par of 72 (recently resloped at 133)--it'll test your driver as well as your shotmaking abilities. Greens are small to medium sized and quick! They won't get you with massive











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undulation, but subtle breaks and wind direction must be taken into account when using the short stick.

There are three other sets of tees to match your skill levels, but this is one course where I'd recommend playing perhaps a level or two above what you normally play. Playing the regular tees (white) takes the driver out of your hands too often and takes away some of the difficulty that you should face on the par fives-and also a couple of the par fours. That may be good for your scorecard, but you're not getting from the course what you could if you perhaps moved it back a notch.

RIEVANEDIUNKS.....

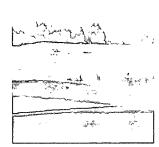
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I'm not claiming that playing the regular tees makes it too easy-but it takes away some of the challenge. For example, the two par fives on the front both face west and have a stream that crosses the fairway about a three-wood's shot from the tee.

To drive safely, you probably should take a long iron, and there's no realistic chance of reaching the putting surface in two. These holes aren't really risk rewards because the risk doesn't reward you, unless you can hit a ball 280 yards in the air. Moving your tees back to either the gold or back (black) tees adds some elements of difficulty that enhance the course, in addition to making it play more challenging.

Adding to an already thought provoking front nine is the club's signature hole, number seven. 467 yards from the back, it plays to a dogleg right, with the right side protected by a pond and the left side and long guarded by dense bushes and trees. A driver well struck will probably go through the fairway--unless you're trying to cut off the leg--and there isn't much fairway room to do that. The second shot is over a creek to an elevated putting surface well protected by bunkers. A very difficult hole--if your drive isn't in a good spot, it'll require a layup short of the creek and bring a tricky third into the green.

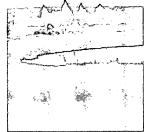
Churi says that they'll probably cut down the rough before the green next year to make the hole play a little easier--to allow for some runup shots. Thank God!



The back nine plays about 140 yards shorter and somewhat easier, since there isn't the stream to contend with (which impacts five holes on the front) and water only comes into play on three or four holes. It's more of a links feel than the front, as most holes are trimmed by tall grass and you can easily play your drive from the adjoining fairway if you stray too far.

Particular favorites on the back were 15 and 18.

Fifteen is a 395 yard par four from the tips. Views from the tee are framed by a bunker left and wetlands to the distant right. The fairway has mounds that remind you of a Scottish pasture—a true link! Part of the beauty of the hole is that there isn't a clear target to shoot at--but the fairway is wide. The approach shot will call for a short iron into a well bunkered green. Good hole.



Eighteen is an interesting finishing hole. 429 yards from the back, you don't want to use a driver off the tee. Even a three wood may be too much, as a bunker waits for a drive struck too long, and a marshy pond is to the left. Smart play is to layup with a long iron or a five wood--but that'll leave another long iron into a green that's perched right on a pond front and left. There is room to bail out right, but that will leave a tough up and down The final hole certainly tests what nerves you have left after the first seventeen links

Bristow Manor provides a great golfing trip. It combines a peaceful day in the country with some fair golf challenge and a glimpse of links golf across the great pond. Just the way the game was meant to be!

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